

§ 133.154

21 CFR Ch. I (4-1-06 Edition)

(2) *Clotting enzymes.* Rennet and/or other clotting enzymes of animal, plant, or microbial origin.

(3) *Other optional ingredients.* (i) Calcium chloride in an amount not more than 0.02 percent (calculated as anhydrous calcium chloride) by weight of the dairy ingredients, used as a coagulation aid.

(ii) Enzymes of animal, plant, or microbial origin, used in curing or flavor development.

(iii) Salt.

(iv) Antimycotic agents, the cumulative levels of which shall not exceed current good manufacturing practice, may be added to the surface of the cheese.

(v) Vegetable oil, with or without rice flour sprinkled on the surface, used as a coating for the rind.

(c) *Nomenclature.* The name of the food is "monterey cheese" or alternatively, "monterey jack cheese".

(d) *Label declaration.* Each of the ingredients used in the food shall be declared on the label as required by the applicable sections of parts 101 and 130 of this chapter, except that:

(1) Enzymes of animal, plant, or microbial origin may be declared as "enzymes", and

(2) The dairy ingredients may be declared, in descending order of predominance, by the use of the terms "milkfat and nonfat milk" or "nonfat milk and milkfat", as appropriate.

[54 FR 32056, Aug. 4, 1989, as amended at 58 FR 2893, Jan. 6, 1993]

§ 133.154 **High-moisture jack cheese.**

High-moisture jack cheese conforms to the definition and standard of identity and is subject to the requirement for label statement of ingredients prescribed for monterey cheese by § 133.153, except that its moisture content is more than 44 percent but less than 50 percent.

[58 FR 2893, Jan. 6, 1993]

§ 133.155 **Mozzarella cheese and scamorza cheese.**

(a) *Description.* (1) Mozzarella cheese, scamorza cheese is the food prepared from dairy ingredients and other ingredients specified in this section by the procedure set forth in paragraph (a)(3)

of this section, or by any other procedure which produces a finished cheese having the same physical and chemical properties. It may be molded into various shapes. The minimum milkfat content is 45 percent by weight of the solids, and the moisture content is more than 52 percent but not more than 60 percent by weight as determined by the methods described in § 133.5. The dairy ingredients are pasteurized.

(2) The phenol equivalent value of 0.25 gram of mozzarella cheese is not more than 3 micrograms as determined by the method described in § 133.5.

(3) One or more of the dairy ingredients specified in paragraph (b)(1) of this section is warmed to approximately 88 °F (31.1 °C) and subjected to the action of a lactic acid-producing bacterial culture. One or more of the clotting enzymes specified in paragraph (b)(2) of this section is added to set the dairy ingredients to a semisolid mass. The mass is cut, and it may be stirred to facilitate separation of whey from the curd. The whey is drained, and the curd may be washed with cold water and the water drained off. The curd may be collected in bundles for further drainage and for ripening. The curd may be iced, it may be held under refrigeration, and it may be permitted to warm to room temperature and ripen further. The curd may be cut. It is immersed in hot water or heated with steam and is kneaded and stretched until smooth and free of lumps. It is then cut and molded. The molded curd is firmed by immersion in cold water and drained. One or more of the other optional ingredients specified in paragraph (b)(3) of this section may be added during the procedure.

(b) *Optional ingredients.* The following safe and suitable ingredients may be used:

(1) *Dairy ingredients.* Cow's milk, nonfat milk, or cream, as defined in § 133.3, or the corresponding products of water buffalo origin, except that cow's milk products are not combined with water buffalo products.

(2) *Clotting enzymes.* Rennet and/or other clotting enzymes of animal, plant, or microbial origin.

(3) *Other optional ingredients.* (i) Vinegar.

(ii) Coloring to mask any natural yellow color in the curd.

(iii) Salt.

(iv) Antimicrobials, the cumulative levels of which shall not exceed current good manufacturing practice, may be added to the cheese during the kneading and stretching process and/or applied to the surface of the cheese.

(c) *Nomenclature.* The name of the food is "mozzarella cheese" or, alternatively, "scamorza cheese". When the food is made with water buffalo milk, the name of the food is accompanied by the phrase "made with water buffalo milk".

(d) *Label declaration.* Each of the ingredients used in the food shall be declared on the label as required by the applicable sections of parts 101 and 130 of this chapter, except that:

(1) Enzymes of animal, plant, or microbial origin may be declared as "enzymes"; and

(2) The dairy ingredients may be declared, in descending order of predominance, by the use of the terms "milkfat and nonfat milk" or "nonfat milk and milkfat", "milkfat from water buffalo milk and nonfat buffalo milk" or "nonfat water buffalo milk and milkfat from water buffalo milk," as appropriate.

[53 FR 3743, Feb. 9, 1988, as amended at 58 FR 2893, Jan. 6, 1993]

§ 133.156 Low-moisture mozzarella and scamorza cheese.

(a) *Description.* (1) Low-moisture mozzarella cheese, low-moisture scamorza cheese is the food prepared from dairy ingredients and other ingredients specified in this section by the procedure set forth in paragraph (a)(3) of this section, or by any other procedure which produces a finished cheese having the same physical and chemical properties. It may be molded into various shapes. The minimum milkfat content is 45 percent by weight of the solids and the moisture content is more than 45 percent but not more than 52 percent by weight as determined by the methods described in §133.5. The dairy ingredients are pasteurized.

(2) The phenol equivalent value of 0.25 gram of low-moisture mozzarella cheese is not more than 3 micrograms

as determined by the method described in §133.5.

(3) One or more of the dairy ingredients specified in paragraph (b)(1) of this section may be warmed and is subjected to the action of a lactic acid-producing bacterial culture. One or more of the clotting enzymes specified in paragraph (b)(2) of this action is added to set the dairy ingredients to a semisolid mass. The mass is cut, stirred, and allowed to stand. It may be reheated and again stirred. The whey is drained and the curd may be cut and piled to promote further separation of whey. It may be washed with cold water and the water drained off. The curd may be collected in bundles for further drainage and for ripening. The curd may be iced, it may be held under refrigeration, and it may be permitted to warm to room temperature and ripen further. The curd may be cut. It is immersed in hot water or heated with steam and is kneaded and stretched until smooth and free of lumps. It is then cut and molded. In molding, the curd is kept sufficiently warm to cause proper sealing of the surface. The molded curd is firmed by immersion in cold water and drained. One or more of the other optional ingredients specified in paragraph (b)(3) of this section may be added during the procedure.

(b) *Optional ingredients.* The following safe and suitable ingredients may be used:

(1) *Dairy ingredients.* Cow's milk, nonfat milk, or cream, as defined in §133.3, or the corresponding products of water buffalo origin, except that cow's milk products are not combined with water buffalo products.

(2) *Clotting enzymes.* Rennet and/or clotting enzymes of animal, plant, or microbial origin.

(3) *Other optional ingredients.* (i) Vinegar.

(ii) Coloring to mask any natural yellow color in the curd.

(iii) Salt.

(iv) Calcium chloride in an amount not more than 0.02 percent (calculated as anhydrous calcium chloride) of the weight of the dairy ingredients, used as a coagulation aid.

(v) Antimicrobials, the cumulative levels of which shall not exceed current